

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  BW355M	<b>FOR FURTHER ACTION</b>  see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/IT2004/000691	International filing date ( <i>day/month/year</i> )  13/12/2004	(Earliest) Priority Date ( <i>day/month/year</i> )  19/12/2003
Applicant  BERETTA, Giovanni		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

AIR MATTRESS WITH PRESSURE CONTROL SYSTEM

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT2004/000691

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5142717	A	01-09-1992	US 4995124 A	26-02-1991
US 2003221261	A1	04-12-2003	US 2003221262 A1	04-12-2003
EP 0663169	A	19-07-1995	US 5487196 A	30-01-1996
			CA 2137726 A1	11-07-1995
			DE 69416995 D1	15-04-1999
			DE 69416995 T2	14-10-1999
			EP 0663169 A1	19-07-1995
JP 2001276148	A	09-10-2001	JP 3531102 B2	24-05-2004
JP 10277100	A	20-10-1998	NONE	
US 5596781	A	28-01-1997	US 5561875 A	08-10-1996
			US 5369828 A	06-12-1994
			AU 694288 B2	16-07-1998
			AU 4007995 A	15-05-1996
			CA 2203834 A1	02-05-1996
			EP 0788324 A1	13-08-1997
			WO 9612426 A1	02-05-1996
			CA 2108685 A1	21-08-1993
			CA 2307969 A1	21-08-1993
			DE 69230143 D1	18-11-1999
			DE 69230143 T2	09-03-2000
			EP 0585416 A1	09-03-1994
			ES 2137982 T3	01-01-2000
			JP 3231327 B2	19-11-2001
			JP 6507816 T	08-09-1994
			WO 9316622 A1	02-09-1993
			US 5461741 A	31-10-1995
			US 5613257 A	25-03-1997
			US 5551107 A	03-09-1996
			US 5317773 A	07-06-1994
US 6154907	A	05-12-2000	FR 2766072 A1	22-01-1999
			EP 0926972 A1	07-07-1999
			WO 9904673 A1	04-02-1999
US 6108843	A	29-08-2000	JP 10313981 A	02-12-1998

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT2004/000691

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47C27/18 A47C27/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47C A61G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 142 717 A (EVERARD LLOYD D ET AL) 1 September 1992 (1992-09-01) the whole document	1-3, 10, 12
A	US 2003/221261 A1 (PERRY DAVID STEVEN ET AL) 4 December 2003 (2003-12-04) paragraphs '0074!, '0079!, '0081!, '0121!, '0193!, '0194!, '0197! - '0199!, '0202!; figures 1-3, 13, 17-19, 32-35	1, 3, 5, 12-15
A	EP 0 663 169 A (SPAN AMERICA MEDICAL SYST) 19 July 1995 (1995-07-19) the whole document	1, 3, 5, 12, 14
	----- -/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

8 April 2005

Date of mailing of the international search report

21/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kus, S

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02, 2 April 2002 (2002-04-02) -& JP 2001 276148 A (RABO SUFIA KK), 9 October 2001 (2001-10-09) abstract; figures 1-4 -----	1-3,6, 11,13,14
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01, 29 January 1999 (1999-01-29) & JP 10 277100 A (YAMAGISHI KENICHIRO; SAWADA SHOJI), 20 October 1998 (1998-10-20) abstract; figures 1-6 -----	1-3,7, 13,14
A	US 5 596 781 A (GRAEBE ROBERT H) 28 January 1997 (1997-01-28) figures 2,9,25,27 column 5, line 29 - line 44 column 9, line 16 - line 32 -----	6-9,12
A	US 6 154 907 A (CINQUIN GERARD) 5 December 2000 (2000-12-05) figures 1-3 column 2, line 45 - line 60 column 3, line 45 - line 67 -----	1,6,8-10
A	US 6 108 843 A (SUZUKI ET AL) 29 August 2000 (2000-08-29) column 4, line 33 - column 8, line 63; figures 1-7 -----	1,2,13, 14